

# Converting Colors

Hex(BD6F22)

Have a look what the booklet for  
Hex(BD6F22) contains.

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**Color**

**Hex(BD6F22)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD6F22
RGB	189, 111, 34
RGB Percent	74%, 44%, 13%
CMY	0.2588, 0.5647, 0.8667
CMYK	0.00, 0.41, 0.82, 0.26
HSL	30°, 70%, 44%
HSV	30°, 82%, 74%
XYZ	26.9594, 22.3032, 4.3974
YIQ	125.5440, 71.2050, -7.4110

# Conversions

## Conversions Part 2

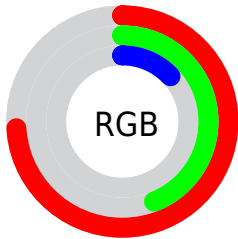
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">189, 187, 34</a>
Decimal	<a href="#">12414754</a>
CIELab	<a href="#">54.35, 25.30, 52.67</a>
CIElCh	<a href="#">54, 58.430, 64.344</a>
Yxy	<a href="#">22.3032, 0.5024, 0.4156</a>
Android (android.graphics.Color)	<a href="#">4290604834 (0xFFBD6F22)</a>
YUV	<a href="#">125.5440, -45.1312, 55.6509</a>
Hunter-Lab	<a href="#">47.2263, 19.2520, 27.5377</a>

# Details

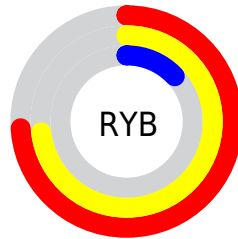
The Hex color **BD6F22** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2270BD**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FAA355**, and **823E00** is the 20% darker color. If you saturate the color by 10%, you get **BD650F**, and if you desaturate by 10%, it is **BD7935**.

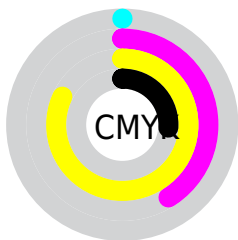
# Distribution



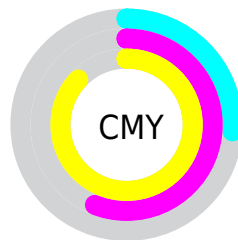
- Red (74%)
- Green (44%)
- Blue (13%)



- Red (74%)
- Yellow (73%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (82%)
- Black (26%)



- Cyan (26%)
- Magenta (56%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD6F22 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color BD6F22 by changing the saturation by 10% instead.



 BD6F22

 BD6F22

FFFFFF

 9F5602

 FAA355

 823E00

 FFBE6F

 652700

 FFDA8A

 491100

 FFF7A5

 2F0000

 FFFFC0

 020000

 FFFFDD

 000000

 FFFFFA

 BD6F22

 BD6F22

 BD650F

 BD7935

 BD5E00

 BD8248

 BD8C5B

 BD956E

 BD9F81

 BDA893

 BDB2A6

 BDBBB9

 BDC5CC

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D75A4C



BD6F22



948206

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



BD6F22



009A88



8C71D6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



BD6F22



2270BD

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0086E7



BD6F22



0099BA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BD6F22



009754



0093DD



C45BAF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BD6F22



738B18



0093DD



6F79DE



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



BD6F22



F5D6B8



BD2272



7A6856



FAFAFA



7A7A7A



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



BD6F22



F57C05



BDBA22



5E5A55



9E4F00



1F0F00



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



2270BD



057EF5



2225BD



555A5E



00509E



000F1F



# Previews

## White Background



This preview shows how the Hex color BD6F22 looks on a white background.

## Color Contrast Check

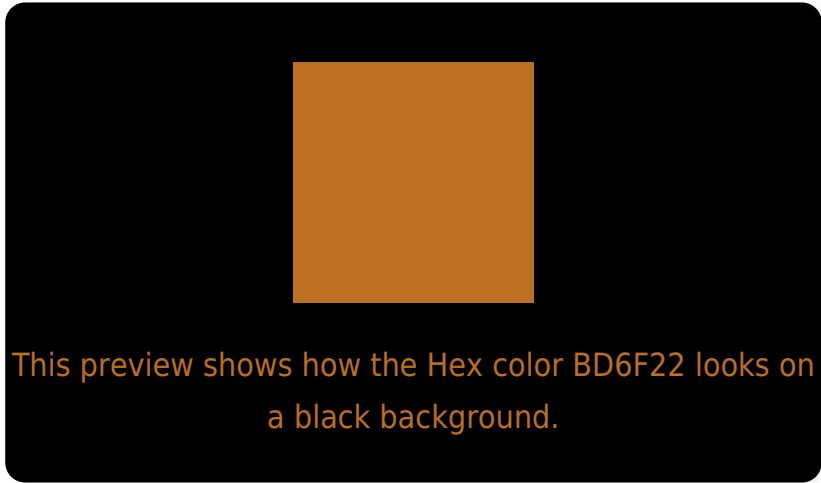
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

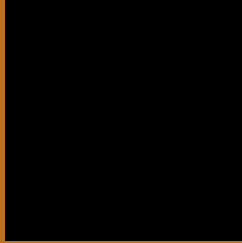
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BD6F22 Background



This preview shows how black text looks on a background with the Hex color BD6F22.



This preview shows how white text looks on a background with the Hex color BD6F22.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
BD6F22

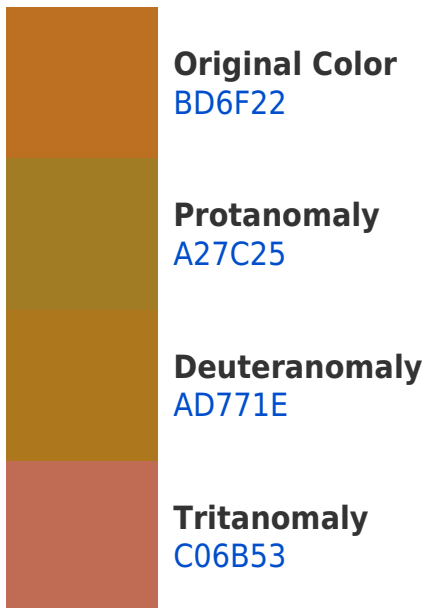
**Protanopia**  
928327

**Deuteranopia**  
A47C1C

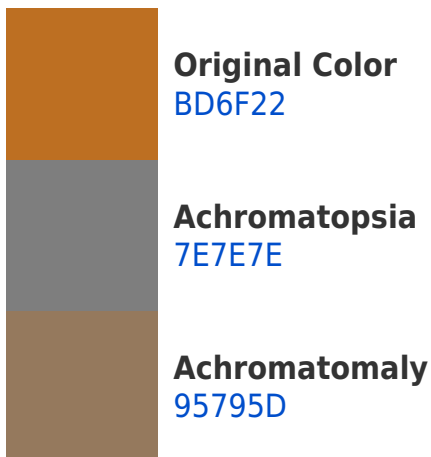


**Tritanopia**  
C1686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD6F22 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BD6F22 looks like.

```
.text, #text, p{  
    color:#BD6F22  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BD6F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6F22  
}
```

## Border

The CSS property to change the border of an element to Hex BD6F22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

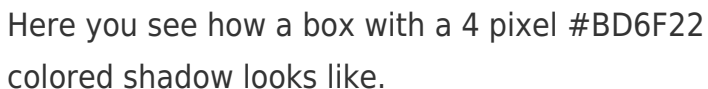
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#BD6F22 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BD6F22 }
```

If you want to add a box shadow in that color use:

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #BD6F22 colored shadow looks like." The box is positioned in the middle of the page, below the text "If you want to add a box shadow in that color use:" and above the CSS code block.

Here you see how a box with a 4 pixel #BD6F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #BD6F22; -webkit-box-shadow:4px 4px 4px 4px #BD6F22; box-shadow:4px 4px 4px 4px #BD6F22 }
```

# Background

The CSS property to change the background color of an element to Hex BD6F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6F22 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BD6F22 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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